

NEW TREATMENT FOR CANCER FOUND

Dr. James B. Murphy of Rockefeller Institute Tells of Series of Tests.

NEW YORK, Nov. 17.—Experiments in cancer that may revolutionize the treatment of that disease were disclosed Tuesday by Dr. James B. Murphy of the Rockefeller institute. His remarkable research work was unfolded before the National Academy of Science during its session in the American Museum of Natural History.

Dr. Murphy's announcement caused a distinct stir. He would not accept his mere recital of facts as shown by his experiments. He declined to make predictions. His facts, however, were conclusive. Scientists present did not hesitate to declare their conviction that the theory of cancer treatment heretofore had been erroneous.

Experiment With Rats.
"We have conducted three series of experiments with rats suffering from spontaneous cancer," he said. "These experiments were made with a view of determining the role of lymphocytes in resisting cancer."

"Lymphocytes, as has long been known, are the white corpuscles in the blood which attack foreign tissues. They attack cancerous growths, too, but to what extent was not known. These experiments were made to find out. In the first series of experiments we took a number of rats with spontaneous cancer and removed the cancer by operation. The animals were then subjected to X-ray treatment with a view of stimulating the lymphocytes."

"After this a minute portion of the cancer was replaced in the groin of the animals. We found that only 50 per cent of the animals so treated were again susceptible to the disease. Of this number only 21.2 per cent showed local recurrence of the cancer. Fifty per cent were immune."

"In this series of experiments the average time for the appearance of the graft after inoculation was five weeks and four days."

"The second series consisted of a similar number of rats from which we abstracted the cancer by operation in the same manner. In this case, though, we did not use X-rays at all. We placed a minute portion of the cancer into the animal's groin as in the first experiment, with the following results:

Only 3.4 Per Cent Immune.
"After an average period of one week and five days 95.6 per cent of the animals showed susceptibility to cancer. Of these 48.5 per cent showed local recurrence of cancer and only 3.4 per cent showed immunity from the disease."

"In the third series of experiments the same general lines were followed with the exception of the X-ray treatment. After removing the cancer by operation we treated the cancerous growth to X-rays. The animal was not so treated. We then replaced a minute portion of the cancer in the animal's groin."

"The result of this experiment was that in every case the animal showed susceptibility to cancer and 40 per cent to local recurrence of cancer. Not a single animal was immune. The average time for the appearance of the graft in this experiment was only one week and three days."

"This can be summarized as follows: In experiment one 50 per cent of the animals were immune from the disease. In experiment two 3.4 per cent were immune, while in experiment three none were immune."

"The time taken for the animals to show susceptibility to the disease in the three experiments was as follows: 'Experiment one, five weeks and four days. Experiment two, one week and five days. Experiment three, one week and three days."

Not Tried on Human Beings.
"How this treatment would apply to human beings I don't know. We have only made these experiments at present."

"Three kinds of graft were used during the experiments. The auto-plastic graft—cut out of a body and put back into the same body—was the one we achieved the best results with."

**IT'S YOUR LIVER!
YOU'RE BILIOUS,
HEADACHY, SICK!**

Don't stay constipated with breath bad, stomach sour or a cold.

Enjoy life! Live your liver and bowels to-night and feel fine.

**CANDY CATHARTIC
Cascarets**

WORK WHILE YOU SLEEP

To-night sure! Remove the liver and bowel poison which is keeping your head dizzy, your tongue coated, your breath offensive and stomach sour. Don't stay bilious, sick, headachy, constipated and full of cold. Why don't you get a box of Cascarets from the drug store now? Eat one or two tonight and enjoy the nicest, gentlest liver and bowel cleaning you ever experienced. You will wake up feeling fit and fine. Cascarets never gripe or bother you all the next day like calomel, salts and pills. They get gently but thoroughly. Mothers should give a whole Cascaret any time. They are harmless and children love them.

One of the French Blue Devils



FRENCH "BLUE DEVIL" - © INTERNATIONAL FILM SERVICE

By their queer costumes some of the French infantrymen at the front have earned the sobriquet of "Blue Devils." In their assaults of the trenches they are now discarding rifles and bayonets and equipping themselves instead in steel helmets, goggles, anti-gas masks, revolvers and formidable knives. As a result the modern French soldier presents anything but an inviting picture and resembles a movie highwayman.

"The hetero-plastic graft—something cut out of the body of one species and put into the body of another species—we were unable to do anything with."

"The homo-plastic graft—cut from a body and put into another body of the same species—was not successful."

"We have made other experiments with chick embryos, inoculating them simultaneously with little bits of rat spleen. After this we have treated the embryos with grafts taken from adult chicken tissue grafted on the outer membrane of the chick embryo."

"The adult chicken tissue used came from various parts. Some from the chicken's spleen, other from the bone marrow, and then pieces from the liver and kidneys."

Spleen Rich in Lymphocytes.
"There were some cases where after a few days no trace of cancer cells could be found. These were mostly those which had been treated with the spleen. The spleen is very productive in lymphocytes."

"The next best results were obtained from the bone marrow. The liver and kidney grafts were failures."

At the conclusion of Dr. Murphy's paper the assembled scientists discussed it among themselves. They pointed out that whereas hitherto X-ray and radium treatment had always been made upon the cancerous growth itself, these experiments showed the very reverse should be done."

Next to Dr. Murphy's paper the most striking incident of the day's session was the demonstration of tissue living after being removed from its parent body."

Dr. C. F. Hern, formerly assistant to Dr. Alexis Carrell in the Rockefeller institute, threw open his laboratory to the scientists. He then opened an incubator which had been in his incubator since Nov. 7. Removing the embryonic chicken he cut a small piece from its heart and placed the speck of flesh on a microscope slide in a couple of drops of plasma made from chicken blood."

New Heart Cells Grow.
"I will place this slide in the incubator for a couple of hours," he said. "The heart cells will begin to grow, nourished by the plasma. In a short time the new cells will begin to beat. In other words, to carry out the natural function."

"That is what the movement on the slide, seen through the microscope, means. By changing the plasma every 19 days the cells will continue to live six months or more."

Pres't Henry P. Osborne said that he considered this the most remarkable discovery in science. The museum authorities, he said, intend to admit the public to a sight of the beating heart cells in future. No such exhibit has ever been before placed before the public."

185 KILLED IN THEATER BY ZEPPELIN

Ship Owner Back From London Says Bomb Went Through Roof During Play.

MOBILE, Ala., Nov. 17.—In the last big Zeppelin raid on London 185 persons were killed in the Lyceum theater by a bomb which went through the roof during the progress of a play, according to J. J. Feore, a ship owner who was a witness to scenes of the greatest horror, none of which were mentioned in press dispatches to this city. His belief is that the bomb was the sending out of the actual number of deaths and the damage done.

Feore states he was standing near the theater at the time the bomb was dropped and saw the wrecked building and the dead. He states he was a witness to scenes of the greatest horror, none of which were mentioned in press dispatches to this city. His belief is that the bomb was the sending out of the actual number of deaths and the damage done.

DR. PAUL'S GLASSES
relieve headaches and eye strain. "Shur-Ons" \$2.75. Dr. Paul's Square-Deal Optical Service, 209 J. M. S. Bldg.—Adv't.

Late News from Surrounding Towns

LAKEVILLE, IND.

The Ladies' Aid of the M. E. church enjoyed themselves at a "husking bee" on the Lewis Lanzo farm all day last Friday. Thirteen ladies were present, eight working all day and two more working in the afternoon. They shucked between 175 and 200 shocks. Prizes were awarded to the two working together who did the most work and also to the ones doing the least work. The first prizes fell to Mrs. Ora Taylor and Mrs. Melvin Fisher, and the second prizes to Mrs. Elsworth Annis and Mrs. Sim Harrington. Mrs. Clarence Rensberger worked alone and shucked 20 shocks, beginning earlier than the other ladies. Mrs. F. A. Barkley shucked 12 shocks. A bounteous dinner was served and a jolly good time reported. They have had several other offers to shuck corn and will probably accept them if the weather permits."

Mr. and Mrs. William Clemmens of Chicago are here visiting the latter's mother, Mrs. Amanda Deitl. Melvin Annis was in South Bend Friday.

Paul Paxson was in South Bend Friday. The basketball game between the first team of the Lakeville high school and the New Carlisle high school team, played at New Carlisle, was played last Friday, and both sides were busy. The Lakeville boys played fine ball for their first game although they

were playing a good team. New Carlisle made many fouls, and the rule book was referred to more than once to settle disputes. The final score was 25 to 17 in favor of New Carlisle. Three machine loads went from Lakeville, taking the first team, second team, and a few more high school scholars.

Bruce Moon was in South Bend on business Friday. Mr. and Mrs. W. D. Wilson and Dr. and Mrs. Howe motored to South Bend Friday.

Mr. and Mrs. Delbert Riddle of South Bend visited relatives here Sunday and Saturday.

Miss Edith Nicewanger of South Bend visited Mrs. Fanny Rensberger Saturday and Sunday.

PARKVILLE.
Mrs. John Felker's sister from the west is here visiting. The Grange will serve a chicken pie supper at its hall Saturday evening, Nov. 20. Price 20 cents.

Mrs. Carrie Cothran, who has been keeping house for William Martin, left Sunday with her son for Three Rivers and from there she will go to Chicago.

Somebody one night last week helped themselves to chickens belonging to Ed Davis. Darius Dentler, who has been ill with typhoid fever, remains about the same.

John Detwiler had the misfortune to lose a valuable cow last week. Mrs. C. R. Patterson and father, I. G. Harris, are visiting relatives in Dowagiac and South Bend.

Walter Patterson is visiting in Michawaka. John Detwiler and John Adams were in Vicksburg Tuesday.

Bruce Lake and wife visited in Kibbie a few days last week. Don Heator and Tom Bastian came home Saturday after camping at

Portage lake three weeks. They reported a good time. Mr. and Mrs. Harry Bondeman entertained at dinner Sunday Mr. and Mrs. William Bondeman, Eva Redfield and Orville Schleuter.

Mr. and Mrs. J. Detwiler entertained at dinner Sunday Mr. and Mrs. Charles Schultz and family and Mary E. Detwiler.

HILLSTROM BREAKS DOWN
Death Watch in Cell to Prevent Possible Suicide.

SALT LAKE CITY, Utah, Nov. 17.—Joseph Hillstrom, sentenced to be shot in this state on Friday, has broken under the strain of expectant death. His condition Tuesday became so critical that the death watch was placed in his cell. From now until his death, cautious eyes will peer at him every moment to prevent a possible suicide.

Threatening letters continue to pour into the governor's office. A guard of 40 additional men was flung about the capital building today to prevent any attempt on the executive's life. Hillstrom himself has given up hope that he may be saved.

SAXONIA ARRIVES.
NEW YORK, Nov. 17.—Bearing 301 passengers, \$3,500,000 in English gold coin and 3,200 bags of mail, the Cunard liner Saxonia arrived Tuesday from Liverpool. The liner also brought word that 123 young Irishmen and Englishmen who sought to come to this country to settle were refused passage, notwithstanding the fact that they had bought tickets. The ship did not see any submarines on the way over.

Coughs and Colds are Dangerous!

One out of every three people die of Lung Diseases—all started with a Cough.

At First Sign of Cough take Dr. King's New Discovery.

Few of us realize the danger of Coughs and Colds. We consider them common and harmless ailments. However statistics tell us every third person dies of a lung ailment.

Dangerous Bronchial and Lung diseases often follow a neglected cold. As your body struggles against cold germs, no better aid can be had than Dr. King's New Discovery. Its merit has been tested by old and young. In use over 45 years. Get a bottle to-day. Avoid the risk of serious Lung ailments. All druggists.

IT CAN BE DONE

Rupture and Piles Cured Without Surgery

No Knife

RUPTURED

No Pain

Honest Advertising Specialists

The fraudulent, the misleading, the disreputable advertiser is gradually being thrown out of the columns of reputable newspapers. Honest business men and honest newspapers no longer tolerate dishonest advertising and questionable business methods. In recent years laws have been passed by many states against false or fraudulent statements or advertising, compelling the advertiser to live up to each ad that he publishes.

Honest magazines and honest newspapers will no longer accept fraudulent advertising or misleading propositions; honesty has long been spoken of as the best policy, and today it is being demonstrated as being good business. The business that is built upon a reputable and honest square deal and dealings with truthfulness in its advertising becomes a permanent fixture, gets and holds business at a less cost than the one that cheats and lies.

There is no longer any place in the business world for those that entice the unwary to their place of business on false pretenses and then deceive and rob the victim by taking advantage of them and by stating that they have something else just as good.

A square deal is what is being demanded by all, and we, as an advertiser, believing in advertising, we believe in a business method that is absolutely a square deal. That's why we use the business methods that we do; so many have been deceived in the past that many of them have become skeptical, and many a man that is honest and square sometimes suffers for others' wrong doing.

Our Business Policy

For years has been to base our business matter upon the teachings and practice of the leading medical men of the world. We adhere strictly to the truth in our business and our statements to our patients, dealings with them at all times fairly, squarely and honestly, and that is just the reason that we are here today.

We have been in business here for years, and we have a lease for several years. We have five rooms at our present location and will renew same at the expiration of those years.

Other doctors come and go, but our work has been, and is today, more appreciated and our practice is larger than any other specialist in the middle west and is growing every year. Since we have located in South Bend we have seen any number of doctors locate here, stay a short while, pull up and move on. We are proud of our record, and there is a reason for our being able to successfully breast the onslaughts and unfair attack of many of our competitors, and thrive in spite of their unfair advantages and empty talk. This reason is truthful advertising and honest dealing.

Our Business is Conducted on Just as High a Plane as Your Bankers or Merchants

We will accept any case of Rupture, Piles, Varicocele or Hydrocele and permit you to deposit a draft in the First National Bank, or your Bank, made payable to yourself and instructing them to place same to our account after you have been cured. We are the only reputable physicians in this line of work who will take such cases on a guarantee. By doing this, you are absolutely certain of a cure. You have nothing to lose and everything to gain, and if we were not perfectly sure of our work, we could not do business this way very long, but instead, have been doing so for years. We have adopted this plan because so many have been swindled by quacks and fakers; not one of them will permit a patient to deposit his money until a cure has been effected.

WE POSITIVELY CURE

Varicocele, Hydrocele, Blood Poison, Stricture, Rupture, Piles, Fistula, Ulcers, Skin Diseases, Kidney and Bladder Troubles, Private and Special Diseases.

Honesty Best Policy

When we tell a man he is going to get 914 or 606, he gets it and not a dose of colored water, or in some instances we know of, plain, clear water. Our methods are clean and no one can tempt us to do a dishonest deed or criminal act. Our reputation is worth more to us than all your money. Honesty makes for permanence, whether it be in the construction of a great building or the foundation of a successful business. Truthful advertising and honest methods will pay. The cheat, the liar, the one who makes false promises or takes unfair advantage, will fail every time.



Our Motto: "Advertise and let the people know what you can do, being sure to do all you advertise or promise."

DELAYS ARE DANGEROUS

DR. FLEENER CO.

MEN'S SPECIALISTS, SOUTH BEND, IND.
109½ W. Washington Av., Over Peck's Shoe Store.

The Treatment and Cure

of PILES, HYDROCELE, VARICOCELE, PROSTATIC ENLARGEMENT, NERVOUS DEBILITY, BLOOD POISON and all curable diseases, defects and weaknesses of the Pelvic Organs; BLADDER and KIDNEY DISEASES. We offer you honest and faithful treatment, a permanent cure in curable cases at a fair and just fee, for good work—much less than many charge for inferior work—without the use of the knife, pain, loss of blood or time. No unnecessary or useless drugging. No lies. No unquestionable propositions. No advantage taken or allowed. YOU KNOW JUST WHAT YOU ARE GOING INTO BEFORE YOU START. All conditions, fees, expenses, probable time for a cure, the chance of a cure, and all necessary information is given you before you start treatment. Can one be more fair?

No Incurables Taken

We will not accept your case for treatment unless you are curable. Call and permit us to examine you free of charge. Let us explain to you our methods. Let us explain to you our business methods, and if your case is curable we will frankly tell you so, and if not, we will advise you what is best for your case.

There are very few days pass but what someone calls at our office for treatment that have waited until too late, so come and investigate today. If your case is curable we will tell you so and exactly what it will cost, on or about the length of time that will be required to accomplish results in your case.